



SkyRouter USB Backup and Restore

Tech Note – TN1030
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Table of Contents

I.	SkyRouter USB Backup and Restore	3
	Applicability	3
	Background Information	3
	Commands	3

SkyRouter USB Backup and Restore

Applicability

All SkyRouters using release 4.2 or newer.

Background Information

All routine administration and configuration activity for the Ctek SkyRouter should be performed using the HTML (web) interface, either locally or remotely as required. However, there are a small number of infrequently used, yet important commands that are only available from a command line interface. The two most common methods of accessing the SkyRouter's command line (shell) interface are secure shell (ssh) or telnet. Both are available on the SkyRouter. The remainder of this document assumes that you are connected to the SkyRouter through one of these interfaces.

Commands

authlogread [OPTION]

Description – The command *authlogread* displays the 10 most recent login attempts through either the WAN (cellular) or LAN (Ethernet) connection. Both successful and unsuccessful attempts are displayed.

Options: wan
 lan

connectstatus

Description – The command *connectstatus* displays the status of the network connection over time and also displays a count of reboot/restart events by reason. Some examples of reasons for reboot/restart events would be HTML (screen) initiated, SMS initiated, XML initiated, etc.

Options: none

logread [OPTION]

Description – The command *logread* shows system generated messages in syslogd's circular buffer.

Options -f Output data as log grows. Analogous to Unix *tail* command

pwd_init

Description – The command *pwd_init* restores the default administrative (web) login to UID=ctek, PWD = ctek. This command always removes all secondary logins.

Options: none

wiredupd GW-Address

Description – The *wired_upd* command sets internal SkyRouter networking parameters so that the Ethernet port can be used to access the internet. The primary purpose of this command is to enable a configuration that will allow SkyRouter applications to be enabled over a wired network rather than using the air interface. The mandatory argument GW_Address is the IP address of the device that will be acting as a gateway for the SkyRouter. An example is *wiredupd 192.168.2.1* where 192.168.2.1 is the gateway address provided by a router connecting to a cable modem which in turn connects to the Internet.

Mandatory: GW_Address